

CLASSIFIED MESSAGE

~~SECRET~~

DATE

1934Z 08 MAY 1962

TO : DIRECTOR

FROM :

ACTION: DPD (1-2-3-4-5-6-7-8-9-10)

INFO : S/C (11)

FPB

TOR: 1952Z 08 MAY 1962

TO OPIM

INFO

CITE

4482

RYBAT OXCART **RYBAT**

TO COL BEERLI/KIEFER/PARANGOSKY

COL NELSON SENDS IN LIEU OF

COMPLETED ONE HOUR AND 30 MINUTE FLIGHT THIS MORNING.
 WATER UTILIZED FOR TAKE-OFF. CLIMB IN AFTER BURNER TO TWENTY
 THOUSAND, CLIMB CONTINUED IN MILITARY TO 31,000. OPERATION
 AAS ESSENTIALLY CONFINED TO MAX ALTITUDE OF 34,000 AND MAX MACH
 OF APPROX .85. A PORTION OF TIME AT ALTITUDE SPENT ON
 ADDITIONAL STABILITY AUGMENTATION INVESTIGATIONS. MAXIMUM
 INDICATED AIRSPEED ON FLIGHT WAS 340 KNOTS. TRIM CHANGES
 ASSOCIATED WITH GEAR EXTENSION AND RETRACTION WERE NOTED AS
 NEGLIGIBLE. A 2G WIND UP TURN WAS ACCOMPLISHED AT TEN
 THOUSAND MSL, 60 DEGREE BANK, 290 K IAS, FUEL TOTAL APPROX
 9000 POUNDS. NOTHING UNUSUAL NOTED DURING TURN. FINAL
 APPROACH SPEED WAS 160 K. TOUCHDOWN AT 148K APPEARED NORMAL.
 PILOT ACCOMPLISHED SOME DEGREE OF AERODYNAMIC BRAKING
 DURING LANDING ROLL. IT APPEARS THAT CONSIDERABLE BENEFIT MAY BE

APPROVED FOR RELEASE
 DATE: AUG 2007

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OPERATIONAL IMMEDIATE

IN 36170

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4482 (IN 36170)

PAGE TWO

DERIVED FROM THIS TECHNIQUE. FURTHER EXPERIMENTING IS EXPECTED TO ESTABLISH THE OPTIMUM ANGLE FOR THIS TECHNIQUE AND THE BEST AIRSPEED FOR LOWERING NOSE GEAR TO RUNWAY. PLANNING EARLY MORNING FLIGHT FOR TOMORROW, 9 MAY 62.

END OF MESSAGE